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USPTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 3811-012-27

First Inventor or Application Identifier Russell MAY

Title CRYSTALLINE OPTICAL FIBER SENSORS FOR HARSH ENVIRONMENTS

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
 Applicant claims small entity status.
2.  Specification Total Pages 24
3.  Drawing(s) (35 U.S.C. 113) Total Sheets 4
4.  Oath or Declaration Total Pages  
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 16 completed)
5.  Incorporation By Reference (usable if box 4B is checked)  
The entire disclosure of the prior application, from which a copy or the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
PO Box 1450  
Alexandria, VA 22313-1450

**ACCOMPANYING DOCUMENTS**

6.  Assignment Papers (cover sheet & document(s))
7.  37 C.F.R. §3.73(b) Statement  
(when there is an assignee)  Power of Attorney
8.  English Translation Document (if applicable)
9.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
10.  Preliminary Amendment
11.  White Advance Serial No. Postcard
12.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
13.  Request for Priority
14.  List of Inventors' Names and Addresses
15.  Other:

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16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

 Continuation    Divisional    Continuation-in-part (CIP)   of prior application no.:

Prior application information: Examiner: Group Art Unit:

17. Amend the specification by inserting before the first line the sentence:

 This application is a  Continuation  Division  Continuation-in-part (CIP)  
of application Serial No. Filed on

 This application claims priority of provisional application Serial No. Filed
**18. CORRESPONDENCE ADDRESS**

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Name	Steven B. Kelber	Registration No.	30,073	
Signature		Date	March 4, 2004	Telephone
Name	James M. Heintz	Registration No.		41,828

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U.S. PTO**FEE TRANSMITTAL**

Docket No.	3811-012-27
Serial No.	New Application
Filing Date	Herewith
Inventor(s)	Russell MAY
Group Art Unit	
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>\$1,752.00</b>
	Examiner

<input type="checkbox"/> Applicant claims small entity status. <input type="checkbox"/> Charge any <b>UNDERPAYMENT</b> or credit any <b>OVERPAYMENT</b> in the indicated fees to Deposit Account No. 50-1442. <input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442.								<b>FEE CALCULATION (continued)</b>  <b>3. ADDITIONAL FEES</b>  <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th colspan="2">Fee Description</th> <th colspan="2"></th> <th colspan="2"></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Description</td> <td></td> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Description</td> <td></td> <td>Fee Paid</td> </tr> </tbody> </table>					Large Entity		Small Entity		Fee Description								Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee Code	Fee (\$)	Fee Description		Fee Paid
Large Entity		Small Entity		Fee Description																															
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee Code	Fee (\$)	Fee Description		Fee Paid																									
2. <input checked="" type="checkbox"/> Check enclosed.								Fee Code	Fee (\$)	Fee Code	Fee (\$)																								
<b>FEE CALCULATION</b>								1051	130	2051	65	Surcharge-late filing fee or oath																							
<b>1. BASIC FILING FEE</b>								1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet																							
Large Entity		Small Entity		Fee Description				1053	130	1053	130	Non-English Specification																							
Fee Code	Fee (\$)	Fee Code	Fee (\$)					Fee Paid	1251	110	2251	55	1-mo. ext. of time																						
1001	770	2001	385	Utility filing fee					770.00	1252	420	2252	210	2-mo. ext. of time																					
1002	340	2002	170	Design filing fee						1253	950	2253	475	3-mo. ext. of time																					
1003	520	2003	260	Plant filing fee						1254	1480	2254	740	4-mo. ext. of time																					
1004	770	2004	385	Reissue filing fee						1255	2010	2255	1005	5-mo. ext. of time																					
1005	160	2005	80	Provisional filing fee						1401	330	2401	165	Notice of Appeal																					
<b>SUBTOTAL (1)</b>								\$770.00		1402	330	2402	165	Appeal Brief																					
<b>2. EXTRA CLAIM FEES</b>								1403	290	2403	145	Request for Oral Hearing																							
tot. claims	53	-	20*	=	33	x	\$18	=	594	1501	1330	2501	665	Utility/Reissue Issue Fee																					
ind. claims	6	-	3*	=	3	x	\$86	=	258	1502	480	2502	240	Design Issue Fee																					
<input type="checkbox"/> Multiple Dependent Claims					\$290	=				1504	300	1504	300	Publication Fee																					
Large Entity		Small Entity		Fee Description				8001	3	8001	3	Advance Copy of Patent																							
Fee Code	Fee (\$)	Fee Code	Fee (\$)					1460	130	1460	130	Petitions to the Commissioner																							
1202	18	2202	9	Claims in excess of 20				1806	180	1806	180	IDS Submission																							
1201	86	2201	43	Independent claims in excess of 3				8021	40	8021	40	Assignment recordation																							
1203	290	2203	145	Multiple dependent claim, if not paid				1801	770	2801	385	For Filing RCE																							
1204	84	2204	43	*Reissue independent claims over original patent				1814	110	2814	55	Terminal Disclaimer																							
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent				OTHER (indicate below):																											
<b>SUBTOTAL (2)</b>								\$852.00																											
* or number previously paid, if greater; For Reissues, see above								<b>SUBTOTAL (3)</b>					\$130.00																						

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Signature		Date	March 4, 2004	Telephone	202-861-3900
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